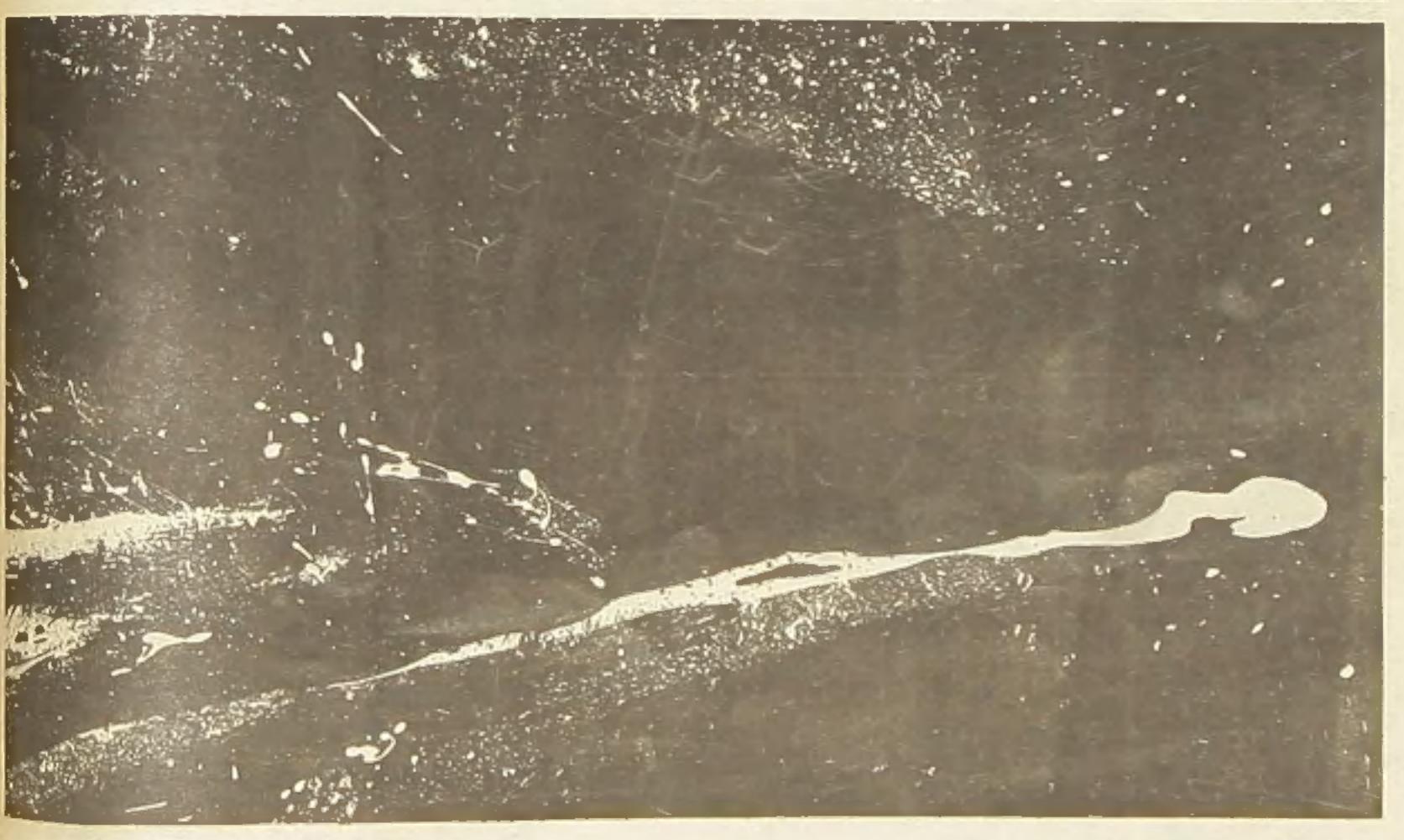
Chart

MAGAZINI

Missouri Southern State College, Joplin, MO 64801-1595

Wednesday, Dec. 11, 1985



Halley's Comet makes another appearance (pages 2-3)



Page 5

Four Missouri Southern students hold unusual part-time jobs, including juniors Dave Pettit and Kelley Melton. Their job? Repairing mannequins for the L.G. Powel Co.



Pages 10-12

Terminally ill patients and their families receive personal care from the hospice program at St. John's Regional Medical Center. The program is staffed by both professionals and volunteers.



Pages 16-17

Missouri Governor John Ashcroft visits Missouri Southern for the Matthews Hall groundbreaking ceremonies, a press conference, a reception, and a basketball game.



Manon E. Sloan

Halley's discernible with the naked eye

Persons will have a once-in-alifetime opportunity to view an astronomical spectacle this winter when Halley's Comet makes a pass over the Earth.

According to experts, now is the best time for those in the United States to view the comet.

The best time for viewing the comet was the last few weeks of November and the first weeks of this morah," said Marion E. Sloan. assistant professor of physics at Missouri Southern

"Also, at the end of December, and the beginning of January, the comet will make itself visible again.

Sloan said early predictions placed the comet & a magnitude of 6.3. which is within the 6.5 magnitude detectable by the human eye.

"It should be visible on a clear evening." Sloan said. "Fifty millimeter binoculars or ones with 7.5 to 10 power should make view ing beiter.

With the overcast skies that have been prevelant in the area, sighting the comet could be difficult

One can see it with the naked eye, but they must get away from the city's ground lights. It has to be a clear night with no full moon." Sloan said

Northern Hemisphere viewers will get their best opportunity to see the council the first two weeks of January. It should be bright enough to see with the naked eye, but by the middle of the month it will be too low at sunset to see.

Halley's closest pass of Earth will come on April 11, when it will be "only" 39 million miles away. The comet will only be visible then from the Southern Hemisphere.

The comet's path takes it across three-quarters of the sky in only seven months time It was first sighted by astronomers on Oct. 16: 1982, and did not make itself visible again until November of this year when it made its second closest pass.

The comet will be more difficult to see in December, but in January, it will show itself again. It disappears during February as it travels around the sun, and reappears in March when a more distinctive tail should be visible. In April, the viewing will be very good, but only in the Southern Hemisphere, A final glimpse of the receding comet may be seen in May.

The comet, which makes a pass once every 76 years, will reappear in the summer # 26

Telescope sales increas due to coming of come Telescopes, binoculars prove to be popular items

By Mark Ernstmann

With Halley's Comet zooming into viewing range, many astronomy bulls are spending their Christmas cash on telescopes and binoculars.

Persons of all ages will be unwrapping all types of electronic gadgetry this year, hoping they will enable them to get a glimpse of the famous comet.

We have sold a lot of telescopes this year," said Steve Parker of Wingo's Camera Center in Joplin. I would say sales have doubled. even tripled, over that of other years: We double ordered them for this year, and we are almost out of those.

Since one of the best times to see the comet is late this month and the early part of January, many businessmen are preparing now to take advantage of the situation.

We have definitely shown a large increase in sales, said a salesperson for Lawrence Photo in Springfield. "I am not really sure of the percentage, but I would say around 50 per mint."

Many of the area department stores have also reported increases in the sale of telescopes.

"All of our telescopes had something written on them about the comet." said an electronics salesperson at Wal-Mart in Joplin. It's really hard to say how many me have sold

J.C. Penneys in Joplin also reported having many inquiries into the purchase of the felescopes.

We have had a lot of people inquiring about them, and we only sell them through our catalog." said a salesperson for the store. Still, people are coming and asking about them.

"We have sold a lot of telescopes this year. I would say sales have doubled, even tripled." -Steve Parker

A contrasting report was given by another photography store in Joplin Double Exposure has not been as fortunate in its sale of lelescopes.

I have not really noticed an increase in sales. said Don Lesler.

"I have not really noticed an increase in sales. Last year, we had more."

- Don Lester

owner of the store. I think the write-ups and news saying it will be difficult to was in this area has held them down

Last year, we had more. People were into it then. They were wanting to prepare for it. As a matter of fact. I have all mine male off just to get nd of then?

Telescopes have been ap item, but binoculars have be ing well, also,

"Our 7x35 wide angle box are selling really well because comet." said Parker. "We w comet would appear and quently.

Lawrence Pholo also re binoculars as being a in

According to a salesmin the company. The large on the 20x80 giant binochis any other type of wide and are selling, also."

Halley's may lie detectable naked eye, but ones that increased by using a triest set of binoculars. A nice Chi gift, yes, but what is more tant is the opportunity loss of nature's wonderful

How to vie the come

this spring in the Soil Hemisphere. Here are some for U.S. observers:

- Choose clear moodes a
- Go 30 miles are sy limited Find high ground
- Give eyes time to adjust to
- Binoculars will improve in

Compliments

Michael E. Fitterling D.D.S.

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Comet rich in history Halley's prepares for 30th visit to Earth

Haley's Comet has arrived.

As was not the case in 1910, its speciance has been welcomed by seriore. Outdoor comet parties, thric Ocean ship cruises, and pare lights have all been planned to the comet's "homecoming."

Commemorative items include sh things as a Frisbee with a dwy tell sugar "cornet rocks." and "cornet pills." and "cornet tell giner spray for punk rockers. Set 75 years ago, just before faley's Cornet prepared to make as 29th appearance since abutorical records had been top a good portion of the world's population feared the visitor from our space.

It was reported that the planet firsh would slice across the tail of twomet spending six hours in its pil. Rumors and some scientific spots had circulated for months tal the tail contained deadly canogen gas. The cyanogen gas wold impregnate the atmosphere adposably shuff out all life on the stant

We were scared to death it was ung to be the end of the world." uid Jesse Frazier, 86, of Webb Chir Emburst Nursing Home. "We would sit out at night and watch buyime we saw a star. I would tose my eyes."

The generally accepted view morg scientists today is that Haley's Comet does contain theogen But the mass of the gas

is incredibly small, and the gas particles are spread so thin that cyanogen scarcely exists and thus poses no threat to man or planet passing through it.

But by May 1910 the intensity of interest, fear, and excitement reached its climax. People began to fear that the comet was going to collide with the Earth, and filled lecture halls where astronomers tried to assure them that this could not happen. The closest the comet

"We were scared to death it was going to be the end of the world We would sit out at night and watch. Every time we saw a star, I would close my eyes."

- Jessie Frazier

would come would be 14 million miles away. The closest it had ever come was in 837 A.D.: the distance then was three million miles

Other generations also feared the comet's arrival, thinking it was a fiery harbinger of disaster. The comet's appearance during the 1066 Norman conquest of England, for example, was seen as a sign of William the Conquesor's defeat of King Harold II.

Pope Calotus in 1456 even

branded the comet as "an agent of the devil."

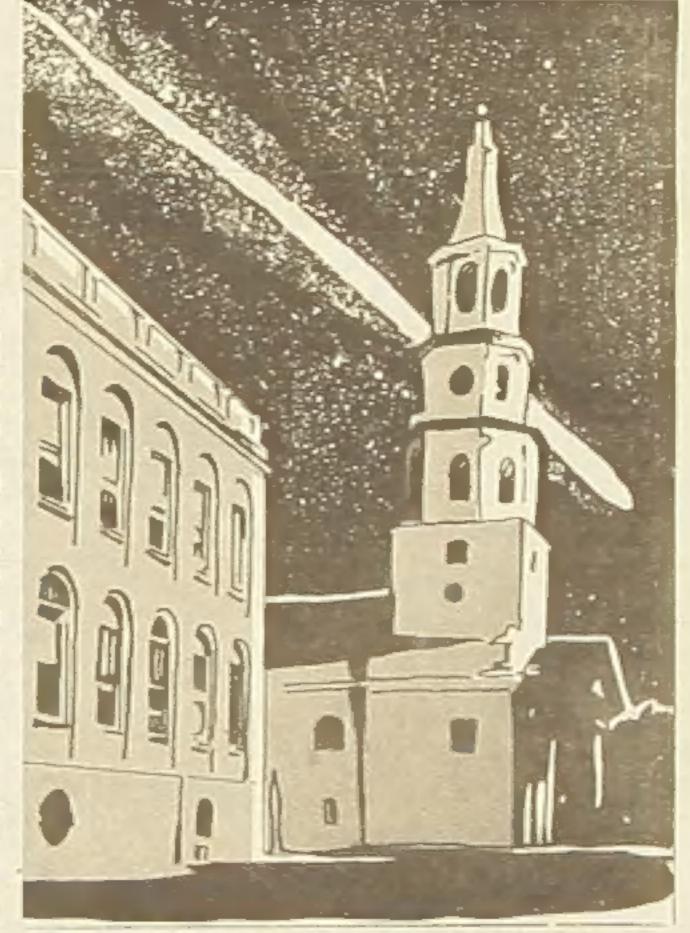
But actually Halley's Comet is nothing to fear. It is just a dull, dirty, snowball hurtling through the dark vastness of space. The nucleus is a lump of ice: dust, stones, and gas. The tail contains so little mass that if the whole tail were stuffed in a suitcase, there would still be room for a change of underwear.

"It was a like a big star with a long tail that went around the moon," recalls Harlay Stockton, 84, of the Elmhurst Nursing Home. "People didn't know what it was. Some were scared."

The comet was unnamed, until its orbit of about 76 years was calculated by Sir Isaac Newton's friend, Edmond Halley, in 1695. The first recorded visit of the comet had been in 467 BC.

Mark Twain was especially fascinated with Halley's Comet. After being afflicted with a series of heart attacks in 1909, he said: "I came in with Halley's Comet in 1835, it is coming again next year, and I expect to go out with it. It will be the greatest disappointment of my life if I don't. The Almighty has said, no doubt: 'Now here are these two unaccountable freaks: they came in together, they must go out together.' Oh, I am looking forward to that."

Twain received his wish. The comet's brightest moment in the sun occurred on April 20, 1910. Twain died the next day.



Cruises enhance odds of sighting

By JoAnn Holls

Since many people would like to cruise the waters of the equator aboard a lxury liner, and many would like to get a good look at Halley's Comet, why not combine the two?

In the spring of 1986. Halley's Comet will reach its optimum viewing time. It is then that one can climb aboard one of those luxury liners and sail off to see the comet.

The best place to view the comet will be in the area of such fabled places as Rio de Janeiro and Barbados, so naturally the cruise lines of the world are taking advantage of the situation.

"Just about all the cruise companies are having special cruises." said Terry Limeton of Joplin's Reservation Travel Services.

Sun Line, for Instance, is one company which is offering eight special cruises this spring. Its cruises will visit the Amazon and Orinoco Rivers, the West Indies, South America, West Africa, and Europe. On these cruises passengers will not only have a better vantage point from which to see the comet, but also educational activities and experts to aid in their viewing.

Activities such as popularized and advanced lectures, seminars, and panel discussions will include astronomy, celestial observation, environment, history of science, meteorology, modern exploration, natural history, navigation, and oceanography. These seminars, which are open to all passengers, will be instructed by a distinguished team of leading scientists and experts who are top names in their fields. Lectures will be enhanced by films, slides, and multi-media presentations.

Camera buffs will also find experts ready to assist them. All they need is a 35mm camera with controllable shutter speeds and a tripod. To ensure longer time exposure and photographs of Halley's Comet at night, the cruises include overnight stops in selected ports where photographers may take excellent pictures from the stability of land.

One cruise will even visit the Harry Bayley Observatory in Barbados.

While local travel agencies have not yet had many inquiries about the cruises, they feel that after the holidays are over people will become more interested in spring vacations and the comet.

"The closer we get to the optimum viewing time of it, the more literature we'll be getting," said. Steve Plagmann of International Tours.



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MSSC decks out

By Pat Halverson

People who enjoy looking at Christmas lights and decorations around town will have a new place to visit this year.

Plans are underway at Missouri Southern to decorate the maple tree near the Billingsly Student Center. A tentative date of Saturday, Dec. 14, has been set for turning on the lights.

Janice Steele, president of Missouri Southern's alumni association, is in charge of the project.

"It was an idea of Dr. (Julio) Leon's to make the campus a place for people to enjoy during the holidays," Steele said. "He mentioned it to the alumni association, and we decided to look into it."

The alumni association will decorate the maple tree and the circle drive in front of the BSC, and the College will light the BSU.

According to Leon the columns of the BSU will be lighted, and a grid with the number 48 in lights will be hung. The number 48 stands for the age of the College and the number will be changed next year to 49, then to 50 in recognition of Southern's 50th armics age.

Howard Dugan, director of the physical plant at Missouri Southern, has been helping with "the nuts and bolts" of the project. Steele said, dealing with electricians and getting prices. "He has been wonderful to work with," she said.

"We have all the wire fixtures and bulbs." Dugan said, "All we have to do is start putting it together.

The columns in front of the BSU will be lighted with colored flood lights, and approximately 200 lights will be used for the decorating. According to Dugan. Reber Electric Company will do the electrical work necessary for the project, and the College maintainence department is acting as a "running" service and will offer ground fall protection. Empire District Electric Company has offered assistance to the alumni association in getting the lights up in the tree.

The dream is that eventually organizations on campus or civic organizations will light up other buildings on campus. Steele said. "We hope that the alumni association will bring people of the community out to see the College during the holidays.



WMBH disc jackey Lisa Armstrong gets ready to 'cue up' a record.



Loren Haroldson, WMBH morning disc jockey, talks to his audience between records and

WMBH serves Joplin are

Station is proud of its long history and announced

By Jock Dixon

wmBH radio station has been serving the Joplin and Webb City areas for nearly 60 years. The pioneer station signed on the air in 1927, and has been a springboard to stardom for two announcers thoughout the years.

"We're very proud of our heritage here at WMBH," said Gary Exline, general manager. "In fact, in 1987 we plan to celebrate our 60 years in the business. We've always been the station dedicated to serving the Joplin-Webb City area.

We're the flagship station for Missouri Southern, and we carry Joplin High School sports."

In 1948 Bill Grigsby began his broadcasting career at WMBH, which stands for "Where Memones Bring Happiness." Grigsby, a graduate of Joplin Junior College and now an announcer for the Kansas City Chiefs football team, remembers happy days at WMBH.

I didn't make a lot of money back then, but I gained a lot of ex-

perience. said Grigsby "Those more the days when I worked hard and as a result, made my career possible. I covered all the sports—football, basketball, baseball, etc. It laid the foundation to further my career."

In addition to covering University of Missouri football games and Joplin High School sports. Grigsby announced Joplin minor league baseball. Joplin's team, the Miners, employed such talents as Whitey Herzog and Mickey Mantle while serving as a farm club in the New York Yankees organization.

Back then, when the team would travel on the road. I would go to WMBH and receive the game play-by-play on the Western Union, said Gingsby "For example, I would read the play and then say. There goes a drive to deep left-center by Mantle."

"It was fun I would re-create the games for the listeners. I'd just turn up the crowd when someone got a hit—I had all the sound effects at the tips of my fingers."

Another announcer, Bobb mings, began his career at its and later found fame in Hobe Cummings, started in a bis situation comedy called Lau Bob." Re-runs of the shore nightly on cable station CN Christian Broadcasing New

rough 29(fild9)

Dave Mathews, who is to tion in 1983, also twee Hollywood. He is consider ing a career as a stuning

west of the Mississippi Rivard
call letters beginning with the
W. The station signed or to
only seven years after KDKAn
station trailblazed the content
broadcasting industry in Path
Pa.

According to Exhine WASH
pioneer in another aris of a
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mercial AM radio stations WASH
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MAGAZINE, Wednesday, December 11, 1985 5

Unusual Jobs

Students gain experience with unusual jobs

Mancy Putnam

Working for a living is phrase many Missouri Southern edate immediately identify with los audents find themselves flipthe burgers, selling clothes, or in and other routine job during their THE PARTY SOSION

Hosever, there are four parsalar Southern students who moon some strange looks when by mention what their part-time

Mannequin repair

People have one of two seacas when I will them what I do. editard Petot, a junior. "I will get bush or a double take

This is not surprising, consideris that he and co-worker Kelley Mon also a junior, fix dummiles. mannequins as they are known a the business. Both work at La S.L.G. Powel Co., when h is by one of about six places in the Used States that repairs broken

We are the oldest and according quity, the best there is, said

According to Melton and Petiti. their main jobs are fixing holes or cracks, refinishing, painting, and giving the mannequins a skin texture. In a good week they can finish about 20 each. Sometimes they get some rather unusual requests.

"We can make or at least attempt to make most anything, said Melton. "We have even made pregnant mannequins.

One of the most unusual jobs they had was repairing a Schleppy. which is an old fashioned chrome

"The nice thing about this work is you get to create things...It is almost like scultping in way."

-Kelley Melton

mannequin that has a more abstract form. This was done for a men who wanted it as a conversation piece in his home.

"We have even last asked to make them realistic as far as ladies' chests go said Pettit

The nice thing about this work



David Petis, junior, works or giving this mannequin a realistic skin texture. Petist works at L.G. Powel.

is you get to create things. like inch of Jophin. She is allowed to set when you are reconstructing a face, said Melton. It is almost like cording to commission. sculpting in a way.

Most people don't realize that work like this is done, said Pettit. But when one considers that a mannequin can cost anywhere from \$500 to \$1,500, they can be a considerable investment for stores to make.

"It is worth fixing them up, since it saves stores money to have them repaired," said Melton.

Ice cream lady

Like Melton and Penin, Ricke Stelbacky, a sophomore, has a one of a kind job. And although one may not know her name. many people look and listen for her to come around neighborhood with gleeful anticipation.

Stelbacky is Joplin's only ice cream lady. During the warm days between June and November she rides all around town in a Buddy Boy ice cream truck selling goodies to kids, both young and old I in

"Now if I'm in a store or someplace I'm likely to hear a little kid say. There's the ice cream lady!" she said "It kind of follows me wherever I go.

During the summer Stelbacky said that she practically lives in the truck and as a result. knows every

her own hours, and her pay is ac-

Riding all over town like that has allowed her to meet many people and make new friends. She also

"Who doesn't get excited about buying ice cream from an ice cream truck?" -Rickie Stelbacky

likes it because everybody comes to her with a smile on their face.

Who doesn't get excited about buying ice cream from an ice cream. truck? she said "I remember when I was little I thought it was a great big deal to buy fron an ice cream truck. Kids I see now will be so excited to see me they will be jumping up and down.

Stelbacky may be one of the most popular people in town, according to the children. One of her young customers remembers her in her nightly prayers as she closes with "and God bless the ice cream lady.

The mortician

Greg Schaffer, a junior, is also in: terested in helping people, but his work is on a more serious level. For three years he has been working for Wayne Woodard at the Mason Woodard and the Hedge-Lewis funeral homes.

Since I've been a freshman in high school I've been interested in the business although I'd only been to one funeral," said Schaffer. "I was interested in funeral directing and also helping families during a bad time in their lives."

During his time working for the funeral homes, his job responsibilities and his interest in the field have grown. His work includes fill ing out death certificates, insurance work; statistical information, driving the funesal hearse or flower car. and doing some preparatory work.

I like working with families," he said. "It is very satisfying to be able to make easier a rough period in their life. Our job is not to take the load off, but to guide them through the situation.

Schaffer plans to continue with his work after graduating. He plans to attend mortuary school, which is a 12-month college. In November Schaffer took his funeral director licence test in St. Louis.

This will allow me to make postfuneral arrangements with families." he said. "I will also be able to conduct funeral services and do some out of state work."

In the fat future Schaffer would like to own his own mortuary.



des working at two local funeral homes Greg Schaffer, junior, also on CAB. Here he is hepling set up for an upcoming dance

Interesting Lists

Lists

Dr. Conrad Gubera, associate professor of sociology, lists people he admires, but has never met

- 1 Viktor Frankel (psychologist)
- 2. Jesus Christ
- 3. Gautama, the Buddah
- 4. Mother Teresa (Nobel Prize winner)
- 5. Will Rogers



Lists

Jim Phillips, women's basketball coach, lists what he considers to be the best men's college basketball teams of all time:

- 1. UCLA (1971-72)
- 2 UCLA (1966-67)
- 3. University of Kentucky (1949-50).
- 4. Univ. pt North Carolina (1981-82)
- 5. University of Indiana (1975-76)



Lists

Pete Havely, director of the Lion Pride Marching Band, lists the universities with the best total band programs:

- 1. University of Michigan
- 2. University of Illinois
- 3. University of Indiana
- 4. University of Miami (Floridal)
- 5. North Texas State University



Lists

LaNita Withelm, president of the Campus Activities Board, lists her lavorite musical acts:

- 1 Air Supply
- 2 Alabama
- 3. Linnel Richie
- 4 Barbara Streisand
- 5. Chicago



Lists

Ron Foster, director of office services, lists his lavorde television. shows:

- 1 Star Trek
- 2. McGiver
- 3 Ripley's Believe It or Not
- 4. Equalizer
- 5. M'A'S'H



Lists

Sonia Higgins, a member of the Student Senate, lists her favorite ways of relaxing:

- 1. A hot bubble bath
- 2. Walking
- 3. Reading a good book
- 4. Being around friends
- 5. Getting a back massage



Lists

Martin Oetting, editor-in-chief The Chart, lists the qualities he admires most in a woman

- 1. Motivetion
- 2 Intelligence
- 3. Independence
- 4. Creativity
- 5. Interest in music



Lists

Dave Throop, purchasing agent, lists the most unusual bid requests he's had III make:

- 1. Human skull and bone joints
- 2. Radio station tower.
- 3. Television station
- 4. Nuclear magnetic spectrometer
- 5. Ion trap detector



Lists

Kreta Gladden, director of alumni affairs, lists her favorite things about Missouri Southern:

- 1. Etiendly, caring people
- 2. A college to be proud of
- 3. Its small and large stre
- 4. College-community relationship
- 5. Beauty of the campus



Lists

Judy Dunn, secretary for public information, lists her favorite male television stars:

- I. Bill Cosby
- 2. Peter Jennings
- 3. Harry Anderson
- 4. Ted Dansen
- 5. Tom Selleck



Lists

Dr. David Bingman, director of continuing education, lists his layon le area restaurants:

- 1. Spring River Inn in Riverton, Kan.
- 2. Bonanza in Joplin
- 3. Chicken Mary's in Joplin
- 4 Holday Im in Joplin 5. Raphael's in Joplin.



Lists

Dr. James Jackson, professor of biology, lists his favorite ecosysterms in the United States.

- 1 High Alpine in Colorado
- 2. Oak Hickory Forest in the Ozerks
- 3. Sonora Desert in Arizona
- 4. New Jersey Pine Barrens
- 5. Flood Plains of the South Platt River



Lists

Dr. Allen Merriam, associate professor of communications, lists the people who have exerted the greatest influence on history:

- L. Jesus Christ
- 2 Mohammed
- 3. Genghis Khan
- 4. Buddha
- 5. Christopher Columbus



Lists

Tim Eastin, student representative to the Board of Regents, lists his favorite ways of spending his spare time:

- 1. Spending ame with his wife
- 2 Fishing
- 3. Taking walks by the creek, hiking
- 4. Reading
- 5. Home repair



Lists

Dr. J. Merrell Junkins, professor psychology, lists the major problems that couples encounter sexually:

- 1 Inhibited sexual desires
- 2 Impotence
- 3 Organic disfunctions
- 4 Premature ejaculation
- 5. Vaginismus



Lists

Howard Dugan, director of the physical plant, lists his favorite things about working at Missouri Southern

- 1 Good supporting staff
- 2: Job security

5. Fringe benefits

3. Everyday challenges 4. Able to make important decisions



Chart Magazine

This edition was published by a Feature Writing class, taught by Chad D. Stebbins, in the Department of Communications at Missouri Southern State College, Photos were taken by Martin C. Oetting and Rick Evans of The Chart staff and JoAnn Hollis. Additional assistance was provided by Mark Ernstmann. Cover and page 3 illustrations were by Brad Talbott. Next regular edition of The Chart is Jan. 30.

Interesting Lists

Lists

o Edward Merryman, dean of he school of education and pychology, lists his favorite books:

1 De Double Helix

- 1 The Private Franklin
- I The Thread That Runs So True Ourcha: Young Man in a Hurry





Lists

Dr. John Tiede, dean of the school of business administration, lists the companies in Joplin with the most impact on the economy:

- 1 Eagle Picher
- Il. St. John's Regional Medical Center
- 3. Contract Freighters Incorporated
- 4. Motorola
- 5. Empire District Electric



Lists

James Maupin, dean of the school of technology, lists his favorite ways of spending his spare time:

- 1. Reading
- 2. Hunting
- 3: Fishing
- 4. Target shooting
- 5. Boating



Lists

D Yonnie Prentice, head of the body department, lists his lavme animals:

| Carrie

- 2 1856
- L Ossi
- (Deer
- Earge-mouth bass



Lists

Kathy Walkup, secretary in the business office, lists her favorite places to shop:

- 1. Wal-Mart
- 2 J.C. Penney's
- 3 Sears
- 4. Newman's
- 5. Dillions



Lists

Dis. Ray Malzahn, dean of the to liber of arts and sciences, lists his lavorite area restaurants:

- I Tony i in St. Louis
- 2 Old Miner's Inn in Alba
- 3 Stephenson's in Bella Vista, Ark.
- 4 Spring River Inn in Riverton, Kan.
- 5 Williams Chill Parlor in Joplin



Lists

lym Smith, secretary for acaómic services, lists her favorite places to shop

- Newman's
- AC. Penney's
- Maiarer's
- Officers Samuel .



Lists

Don Seneker, director of the police academy, lists his favorite detective shows an television:

- 1. Adam 12
- 2. Barney Miller
- 3 Hill Street Blues
- 4. Police Story
- 5. Dragnet



Lists

Connie Smart, secretary for financial aids, lists her favorite meals to prepare for her family:

- 1. Baked pork chops with dressing
- 2. Mearloal
- 3. Swiss steak
- 4. T-bone steak with baked potatoe
- 5. Fried chicken with mashed potatoes



Lists

Wan Brietzke, director of the heatre, lists his favorite plays

- I Long Day's Journey into Night
- Election the Wind
- 1 Tarrulfe
- King Lear
- 1 The Dresser



Lists

Richard Finton, debate coach, tists his favorite male movie stars:

- 1. Clint Eastwood
- 2. John Wayne
- 3. Burt Reynolds
- 4. Henry Fonda 5. Gary Cooper



Lists

Mike Hollifield, publications coordinator, lists his favorite movies:

- 1. The Buddy Holly Story
- 2. Captain Horatio Homblower
- 3. The Fighting Seabers
- 4. The Man with Two Brains
- 5. The Blues Brothers



Lists

Roard W. Massa, head of the epartment of communications. the newspapers he admires he most:

- L New York Times
- LLo Angeles Times
- 1 Washington Post (Kansan City Star
- 5 OH Christian Science Monitor



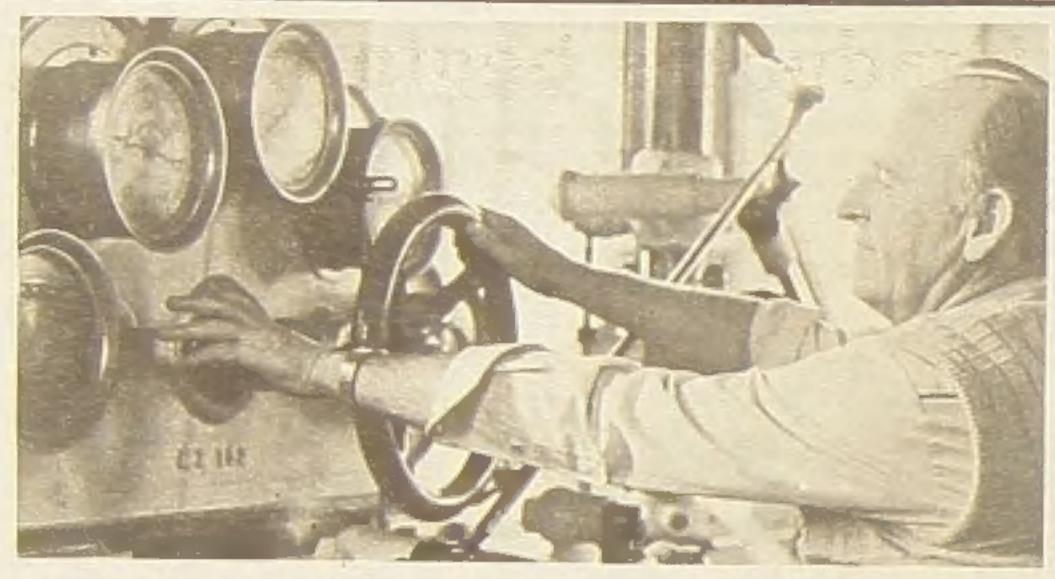
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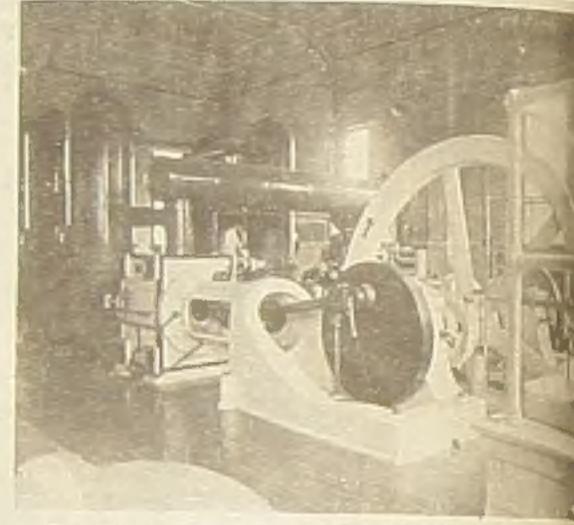
- Pela Garrison, internal auditor, his favorite area restaurants: I Waterwheel Lounge in Joplin Chestopher's in Joplin. Shoney's & Joplin Heccay Barn In Joplin Long's in Springfield





- *LODGING AT TANNHAUSER I
- *JANUARY 4-JANUARY 10
- *SKI AND BOOT RENTAL
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The old steam pump was installed in 1899 and used use?

Huge steam pump is now a museum piece

By Pat Halverson

As 'the only one in the world in place,' is huge steam pump which pumped Joplin's want supply for over all years is now and sidered a museum piece.

The 200-horsepower pump, which has a pumping capacity of five milion gallons of water per day. It located at the Missouri American Water Company's pump plant at 21st and Murphy in Joplin.

The flywheel on the pump is 12 leet in diameter and weighs eight tons. The main and vacuum pressure in the chamber control how fast the water is pumped. There is a governor which keeps the water traveling at a set speed once it has been and

"The steam pump was installed in 1899," said Harold Denham production superintendent for the Joplin American Water Company, "and ran continuously until 1982. It has been estimated that it has pumped 60 billion gallons of water during its time in use."

The pump is still in running condition, and see be turned up to show visitors to the plant how a works, though there is no longer any steam.

W.P. Alks of Milwaukee built the cross compound engine which has two statem cylinders, one high pressure and one low pressure. The man in the high pressure cylinder has 125 to 150 pounds of pressure per square inch, and is discharged into the low pressure cylinder. The steam engine is connected to a positive displacement pump which contains 840 three-inch check valves, half are the suction side of the pump and lead on the

discharge side, which moves the

The company had another steam pump which was installed in 1907. When we was discontinued in 1982 the pump had to the torn up and a hole made in the side of the building in get it out of the building. The company is planning to keep the steam pump it has left as a musture piece.

As far as we know, it is the only the world still in place."

Denham said. It will run on an pressure, but there is no steam.

Other old pieces of equipment are also being preserved by the company and will eventually be on display for vistors to the plant

Joplin's original water company designed and built by P. Murphy began business in 1881. According to Denham, the company was purchased in 1901 or 1902 by the

Missouri American Water Comperty At that time, the water pumped by gravity to downtown Joplin.

There was no treatment process, the water went into a holding
tank, and flowed by gravity to
fourth and Main," Denham said.
The water wasn't used to drink, it
ams used to water the horses. They
started adding clotine about 1902
to use the water for drinking, and
it has developed into a complete
and full water system."

Steam was the primary source of power to pump the water

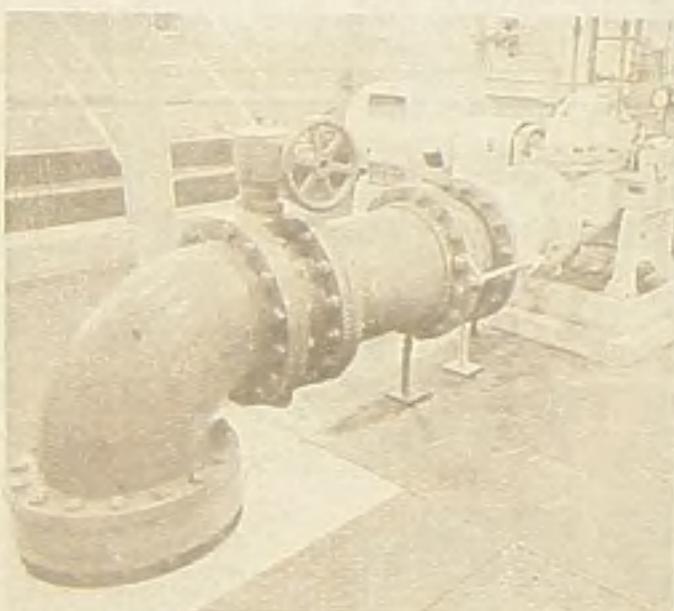
There was no company capable of furnishing power for the water company, so they operated their own power company to generate steam with boilers." Denham said.

Steam was the primary source of power until 1947, when the power source became fuel oil and natural

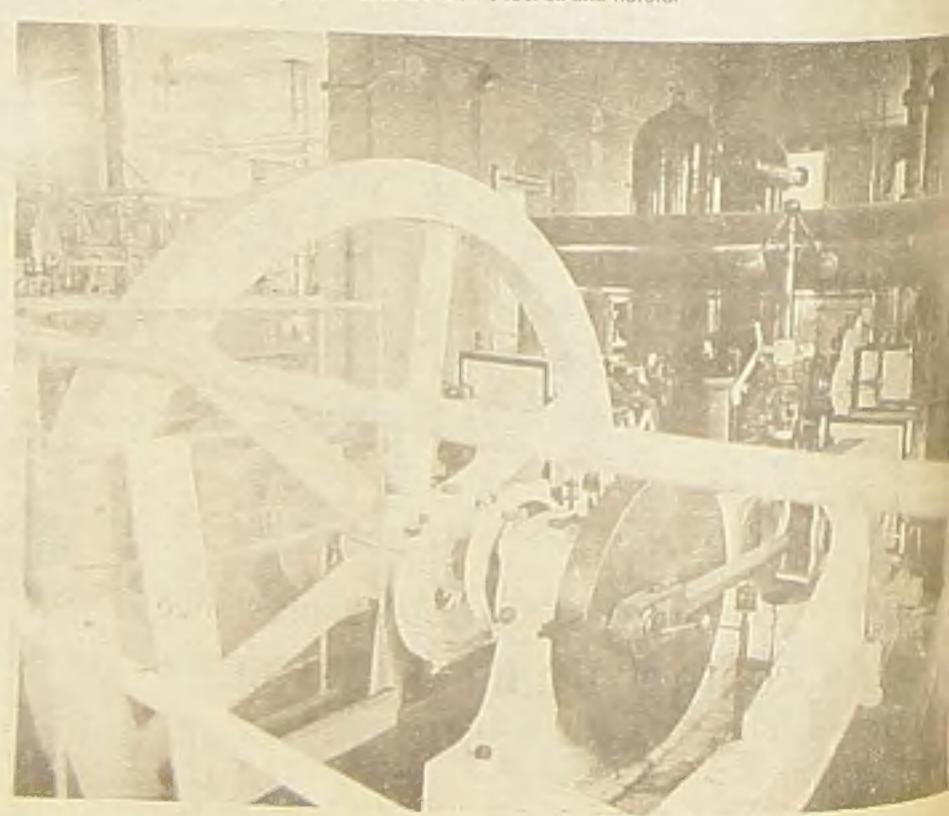
gas for internal combinengines in 1982, the participal converted to electricity a primary source of power in a the rising costs of fuel plant

Over the years, moderning has made electricity the notice efficient way of running the The pump which replaced to steam pump that of 200-horsepower manual aminiature compared to the engine.

technology has eliminated applicately six jobs from the water operation. Nine people employed in the pump is purification process at the kipplant. The water supply is whole city is runs controlled modern equipment installed. 1982, and is run by remote controlled.



(Top left) Horold Denham, production superintendent for the Joplin American Water Company, adjusts the steam pressure on the old pump (Above) This new pump, which is small in comparison, replaced the steam pump (Right) A close-up of the steam pump, which was lost used in 1982, and in now considered a museum piece.





Daid Fuller, who graduated from Missouri Southern in 1978 with a leges in biology, returned to compus this fall for a visit. After obtaining thater's degree from Pittsburg State University in 1980. Fuller embarked is an aresearch career with electric and engineering companies. He is currely considering an offer from the U.S. government. Fuller, who studied add Dr. James Jackson at Missouri Southern, is considered one of the Colege's most successful graduates. His brother, Steve Fuller, is presently tradent at Southern.

Graduates begin careers

By Pat Halverson

Most college students begin their higher education with some kind of career goal in mind for the future.

But, as the semesters come and go, at times the confidence in attaining those goals wanes. Is there really life after college? Do graduates find jobs in the fields in which they have invested time and money for years of schooling?

Many graduates of Missouri Southern have gone on to obtain a variety of interesting and varied jobs in their field.

David Fuller

David Fuller obtained a bachelor of science degree in biology from Southern in 1978. While he attended Southern, he was involved in research for an Environmental Impact Statement through the school, working with Dr. James Jackson, professor of biology.

Fuller obtained a master's degree from Pittsburg State University in 1980. His first job after graduation was as a temporary research assistant for Union Electric in St. Louis. doing work on the Mississippi River and mosquito studies at Bagnel Dam.

I got so involved in the work that I stayed a year and a half." Fuller said.

Fuller left Union Electric to work for Shell Engineering and Environmental Monitoring

vears, traveling all over the country to monitor power plants, and doing field work on pollution from smokestacks.

During the three years he worked for Shell Engineering. Fuller became involved in a joint project with Environmental Science and Engineering. Inc. St. Louis. and was approached about a job with the company.

"It is an international company."
said Fuller. "We do work for Pakistan and other countries. We do a lot of work for the U.S. government, work on environmental trailers and weather stations for

Egypt.

Fuller is now working out of the Gainesville. Fla., office of Environmental Science and Engineering, and recently participated in testing of a prototype of a boat for the U.S. Navy off the coast of Puerto Rica to be used to land troops on beaches. He will be going to Egypt soon to work on a project for the company, and has traveled to Cuba and other foreign countries.

After five years of experience. Fuller has been offered a job with the U.S. government.

There is a lot of opportunity in the field. he said. but you have to have a master's degree, and have to diversify. You get to travel and meet a lot of people.

Zander Brietzke

Beginning in October, Zander Brietzke, a 1982 graduate of Southern, began working as a production assistant at the Alahama Shakespeare Festival

"It is going to be a year round theatre—a multi-million dollar theatre." Brietzke said. "I will be working with the stage managers and uniter the directors, training to be a professional stage director.

Southern to pursue acting. He atsended graduate school at the University of Alabama and graduated with a master's degree in fine arts and theatre in 1985. As a graduate teaching assistant, he taught voice and diction while doing graduate work.

For Brietzke, the attraction of his field is the work itself.

"It is something I excel at." he said. "The arts provide an escape from the tedious things in life."

Brietzke's part-time work with the festival helped him to obtain a contract with the company.

Tworked with the Shakespeare Festival in the summer of 1983: he said. It was an education as well as acting experience. When the theatre expanded to a full year, since I had worked for them before, it opened up an opportunity. It's a real exciting company."

The Shakespeare Festival hires employees on a yearly basis.

"I hope they ask me to come back." Brietzke said.

Mary Carter

Mary Carter, who graduated from Southern in 1981 with a bachelor of science degree in physical education, is now teaching physical education at Southwest Missouri State University.

Carter participated in all sports at Southern.

"I put in many disciplined hours at Southern," she said, "which has helped since I went into teaching."

Carter decided on teaching at the college level immediately.

She attended graduate school at the University of Iowa, which has, she said an "outstanding P.E. and women's athletic department."

Carter had a graduate assistantship, and actually got to teach at the university.

The university is research oriented, and I had to spend a lot of hours learning to function under very particular people. Carter said

From Iowa. Carter came back to Southern and was an assistant coach in the spring of 1983.

In the fall of 1983, I went to the University of Southern Colorado in Pueblo as a volleyball coach," she said. "It was not exactly what I wanted, and after a year I went back to the University of Iowa to finish my thesis hours. I was a burn that year."

In January 1985. Carrer went to SMSU when she heard that the soltball coach there was the same one that had been at Southern Colorado.

"I came to assist, and stayed," she said.

Carter believes there much opportunity for graduates in physical education.

"Anyone who is not geographically bound can get a job." she said. "Fitness is not a fad. There are more and more kinds of opportunities opening up."

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The Clip

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Hospice center provides help for the terminally ill

By JoAnn Hallis

When a person finds that he or she is terminally ill feelings of fright or loneliness are usually present. But due to the efforts of a local hospice program, these emotions can be avoided.

"Hospice is a program of care for the terminally ill and their families." explains Vicki Wilson, director of the hospice program at St. John's Regional Medical Center in Joplin.

When the doctor was do nothing else to help a terminally ill patient hospice steps in to help both the patient and family overcome their difficulties.

"We sized not only with the physical problems they are having.

When doctors can do nothing else to help a terminally ill patient, hospice steps in to help both the patient and the family overcome their difficulties.

but also emotional and spiritual processes," said Wilson.

It's all home care, added Bill Bartelli, volunteer coordinator.

established in Europe in the 1960s.
Since the first hospice program in the United States in 1973.
Thousands of patients and families have been served.

"Hospice has grown to the place where there are over 1.200 hospices," said Wilson. "It grew so rapidly because the need was there."

The program at St. John's which began in 1980, has cared for over

"Hospice has grown to the place where there are over 1,200 hospices. It grew so rapidly because the need was there.

-Vicki Wilson

500 patients in its five-year existence.

We've had teenagers on the service, we've had 18-month-olds on the service; we work with all ages Wilson said, stressing that hospice is not just for the elderly

Currently. St. John's is working with approximately 30 patients.

"It would be difficult for us to handle more than 35." she said. Hospice staff persons include

both professionals and volunteers

who devote their time and energy to the patients. Both are put through extensive screening and training before being accepted into the program.

One of the first things we do is put them through an exercise to confront their own feelings about death, said Wilson.

Some people find at this point that they cannot deal with the idea. and stop pursuing involvement in the program.

Volunteers in the program help

the famililes of patients through difficult times.

There are times that a patient will need care 24 hours a day. In these situations the volunteer goes in and relieves the primary caretaker so that he or she may have a break. Volunteers also help with transportation, meal preparation, shopping, babysitting, and other necessary tasks.

"They just look around and see what needs to be done, and do it." Wilson said









(Clockwise from top) Margo Peterson, a Hospice volunteer, conducts several home visits each day she work. Home care includes monitoring pulse (top), blood pressure (above center) and asking questions about physics conditions (above left). Sometimes the social aspect of home care is as important as the medical aspect of shown above. (All Hospic photos/Martin Oetting)

Hospice

In many medical situations tokers are encouraged tolto get contonally involved with their parameters. However the opposite is true with those involved with mospice in the encourage in a patients.

We see the volunteers got removed to the patients are a recovered to of grief when they resigning Wilson

Toy Thurt has take manter and hospice of a contract of the spice.

Springer compares work work the program to make in mis

We get more out of the man

Scause of the classics of the skiththe volunteers were with the serious to the third working under Springer teels to corn more about the strent weeks that their tarm

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maged to get involve a control of

patients

Hospice nutsing is a real unique and of nursing. Wilson said. Our hispore and output has been able to a said and output h

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While the volunteers have a period between particles of the particle of the pa

But they wouldn't do anything else for the world, they love it said

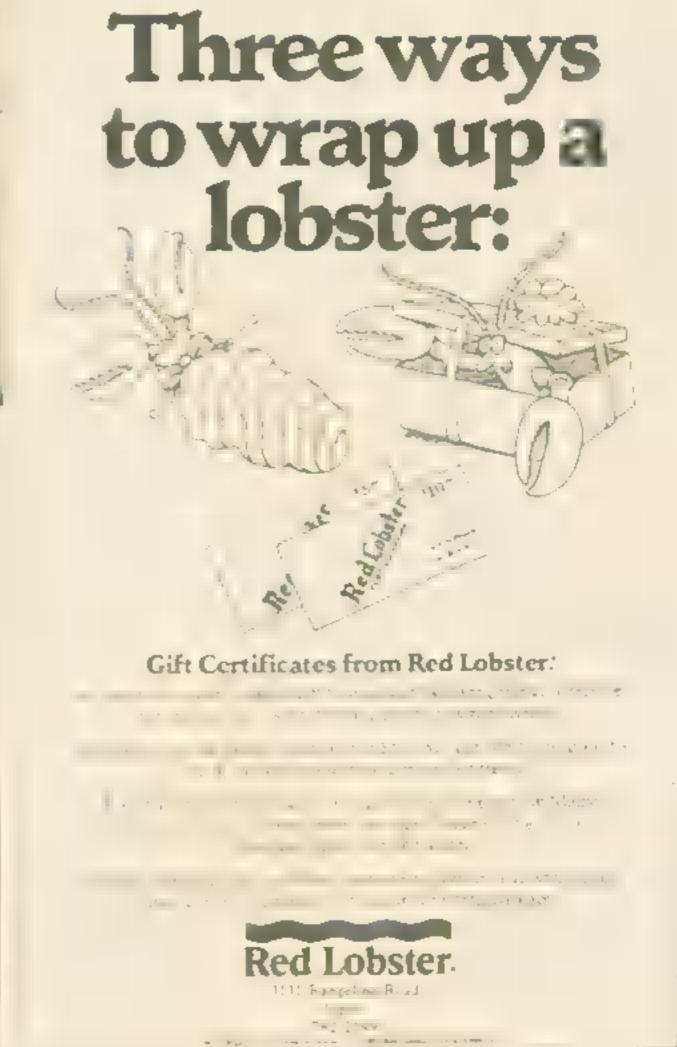
The second secon



Above Hone care doesn't just wolve the patients Often times the trauma of a terminal illness is just as hard on family me the patients themselves (Left) One of the mass imporports of home care a actually talking to the patients as see ho, they are feeling (Below) Accurate medical records the interest of the mass wist in disphysician is a ways assigned to the patients to make the administering of drugs







Hospice



support groups. Does such group the conce a month and is made up of those who have been in under situations. These people listen and give apport to those in

Twice a gear we hold what we all classes for the bereated word Wilson. "In which we actually provide a set of classes that a lucate there as to what a normal in since what isn't, sow to get back into life the distance of the set of the distance of the set of the s

After being on hospice and seeing what hospice can do for them everobody is won over she said liverebody sees what a wondered ervice it and that its not pata is for the staff it's correcting that they're really dedicated to and omething that they give themselves to

While the primary goal of modnedical program is to cure the paneur that are not fisher true with

Our fire goal is to control any tentering with the quality of life and Evision. Our overall goal is to push the

Our overall goal is to increase the quality of life "?

that just because the base to stop heing. They and them is a that they still have there will have their will be that they are that less the their still be the the their still be the the their still be the the their still be the their still b

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"A big fear that they face is the fear of becoming dependent on others"

A big fear that they face tear of becoming dependent other. Wilson and

She pointed out that the problem is the of those who have been in the problem of what will hap problem to their to dy and that they are surrough to ruffer

Financial difficulties also wony main pat . Wilson said that it much earlier medication can be ton much financially but there's one relief from the costs of care

We don't char I for hospectson

When third patties such as Bae

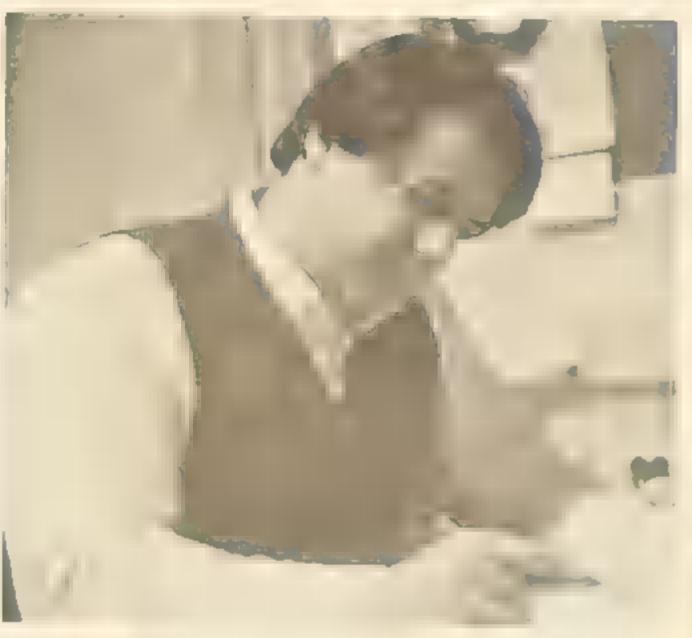
Medicade at an Medicade at an interest street. The individual interest charged for Funds to support the program for medical by such and Draughon.

Hust College JC Pennys.

The Carthage Friends of Hospite.

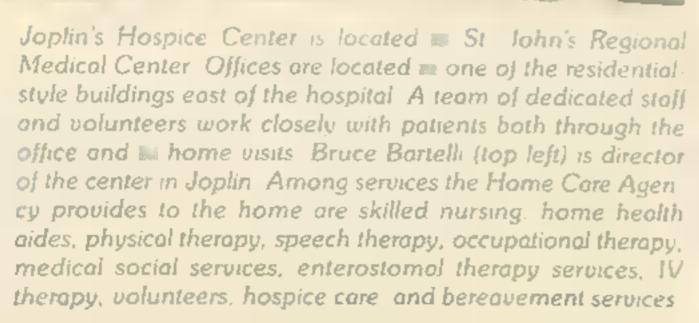
We also receive contributions from familie of patients who died.

November the been set aside of National Hospice Month and each there is a different theme I! wear's theme man Hospice. The Special Kind of Coring By the program and what it is clear to see that hospice truly in a special kind of caring













Kloeppel's love for people reflects in MCI

By Mortin Octting

Larry Klouppel loves people And despite the fact that he is president of MCI Transporters a truck ing firm in Jophin ? still appreciates the little ... company

He also attributes much III his to his relationships with the geople who work for him

"I have a real stro- 1 feeling for people fee their Land to mendous amount a help and peraton from everyone | rked for and those around me he aid it has magnified my abilities to do things If God gave me a gill it is is the ability to motivate people

His statement - backe the but that since his 1976 purchase # the Joplin-based Monkern Company, inc trucking firm the company has grown over 500 per cent

Though he has been successful in the business many Kloeppel pre up a farm boy no ar Kinglisher Okla

"I farmed for five or six year but then decided I wanted 🞹 Io something different the see a the agriculture people

During this period Kloeppel began working in different farm cooperative unit got into manage ment He become general manager of a local cooperative of Farmland Industries m Konsas C':.

"I was involved with contract management financial planning and accounting to sald I in herited accounting but I don't know how

After about 12 seems of working with cooperatives and Spiculture he became director of operations for Midwestern Distribubon Inc in Fort Scott Kan

executing the second second he said. I got exposed to make the ing business, and the buc birri The second of the second CATA CONTRACTOR TO THE STREET Marie I carried The state of the s time and I had a lot Ill luck sing the was Kloeppel remember - 128 that time the company included "tractors 140 traders a 1 \$4 million per revenue

Working corsely with his unterand busine a partner was the couple the role to lead the company e p.: : ™ rapid grand (... MCI Transporters er 80t traders, and has an innual revenue of the million

been successful? I think it is just a desire. Kloeppel said "it's kind of like farming You plant one see and - 100 Busines - the - man way - a more The second secon while we will be well and the high the It even astounds me to think about

Kloepp : philo . . bas-cut, to mi go - 1 af - 12 a business gets agh to your a little

. A natural love for the industry has also helped out

It's exciting # involves on ever changing environment of activities It's me just every week, month an streets but every day hour and minute There's always something new que por il brings together all type of . ple from # 16 of the Ur : States O: ind ship) Compared to the subject and relathe store of the court of the I all the

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have problems I'd what can to first the nout. There's a k ! of trust inv ... Those in the the state of the s Company of the contract of the The state of the s to be the party of the party of

im not a real religious real he said "But I've become in the than i needed to: The transport of the the first of the selfish thing for ment and of a

of my family," he said. As far as hobbies . Jon't have enough time. I spend the time I have with my family I'm very proud of them. My wife as a bustness partner has been eat She we great lady, and w tremendous help to me in building the company

r. -appel was also become in volved in politics in recent assess

five or six years ago I thought 1 was ther peoples problem - a necessar, evil 's im live foun : it is ter the state of t ical community he said

He is past president of the Missouri Bus and Truck Association and a member of the American Trucking Association Hetrans as a tour op twent Carriers He established a tor-trailer training school 🌃 - wder College in Neosho

He - see interested in the emments in the trucking His intere in 100 political asp. have earner him u jovernor-appointed granted on the Missouri Transportation Develop ment Commission as one of five non-legislative members teamed is the five summand to management and research industry tree is as well as promiss needed legislation

Though he is mill president in the company he - I 'ICI Transporters ' Burling: Northern Motor Car TERMINE ITS

trucking industry is seen capital-intensive he said. It requires a lot of money. We couldn't mai rein the pace to grow min cessfully so as a decided to see Burlington North and agreed they mpany m Jopla

I help " gross and expand for

🔤 ter tuture plans. Kloeppel ha-

thir particular is sind



MCI's headquarters in Toplin The company me and the Street in 1981 Left-MCl trucks can be tound tour and the state of the in the United States (Photos courtes, You Const in the United States (Photos courtes, You Const.)





Gomez adapts to life in U.S.

By Martin Oetting

Dealing with the problems associated with moving to a foreign country, were explicitly allenge to Francisco. Facility Comez. But the native of Mexico who now resides in Joplin whound and determined to specifical be the United State.

For array to the four-state same entropy of schooling or Mann.

before moving to Campeche Merico To attend the University of Southeast 1881 as many suspension of Mexico City

Mexical City is a big city. If the everything you can imagine the said. There were movies sporting events karate football everything.

Lifestyles and traffic patterns were a vasily different than in the Unite States

There are 10 million area in the city Gomez sald. At 3 they to a have speed limits is one respectively gas or the laws. In Mexic. City, life is a fast-paced it take time to adjust to the way life is here ting Jophn).

And Gomez a quick to point the be put everything he could what he was the in during his early years

I'm very athletic he said :
played all kinds of sports ! always
had good action and put
everything to to it I was always go
ing for the war I didn't was it !

A collection in lirst and second place trophies for TaeKwon-Do decorate a dresser in his room minimizing his statement. He also placed sixth nationally in a chess tournament in 1973.

Gomez graduated from high school in 1975 and moved so Campeche to study dentistry to the University of Southeast, where he graduated with a D.D.S. degree in the contract of the D.D.S.

hands he said especially very small things delicate things And I've always loved medicine. This was why i chose to the intervention of the same through the sam

His family background also played a role in his decision with his father and sister being doctors

During his schooling as dentistry he received numerous honors and degrees of certification in Mexico These include a certificate from the VIII National and V Latin American Congress of Mexican Dental Surgeons m Merida Mexico first place at a national level 🗃 📺 organized acknowledgement contest organized by the Collegiate of Mexican Dental Students. Guadalajara Mexico; certification from the X National Congress of Mexican Collegiate Dental Students, Veracruz Mexico, and certification from the Circiano Den

tal College a course in Maxilologial Surgery in the University in Yucatan Mexico

Though he loves dentistry.

Gomez has held a host of other jobs during his study. In 19 taught Mexican history prochemistry and social studies at a life was a discount of the Hotel Prochemistry. In 1978 he was a discount of the how of the served and a newspaper commentator for the Novedade Re Campeche stepional newspaper in 1979-81

in the operated a sound and light board for a cultural program at the Fort of San Miquel. His work brought him back to teaching agh school in 1980-81. He was involved with cultural program in Configurate in 1982, and coordinated stat and students for the probability of the light of the state of the probability.

lam a difficult person because you cannot put me in sees category he said "I like see seeses different things

In 1982 after gaining his to the United States

twants the schooling has been bard to ste

the English languate he enrolled at Pirtsburg (Kan.) Trate University

the language

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Here the second second But speak Spanish Common to But they don't practice the language. They only study a in high school or

Continued on next page



One of Pacing facing to nobbues a placing chess although be well as still and in colores a coloring with bunds in 1975 he placed south notionally in a chess tournament in Mexico Pacing was instrumental in forming a relief effort for the helples in Mexico City following a minor carthquake there this following photo. Main a Octional

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Gomez travels to Mexico to help needy

Martin Oetting

Francisco "Paco" Gomez love for his native country was evident this Marken he organized a first sens page for the suffering a Maria Control a following an earth, the

Assoon as he heard news of the authouske he attempted to tel relatives in the . . . Unable to through his word Meder City the and find by the second of

Fortunately all the contract were unharmed by the sent was no he witnessed while ther. a repailed him to visualize the A Company of the Company

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instacted authorities of Missourbouthern and at front bear bear. A Sale of the sale the districtions store and but may The second of party to the second of the the property Marine

'As I was coming back, I remember thinking I have to do something for those people I knew I had to do something to get help in those who needed it most









(Clockwise from upper right) The October earthquake w Mex to City devastated much of the city Paco purchased fresh woter and set up a tent downtown. Soon, a large gathering ofneedy people oppeared and took their share water Paco also able to provide food and money for the needs in the city (Photos courtesu Paca Gamez)

Continued from previous page

neybe in college The first time | went : "Donalds 1 ouldn't province quiter pounder with chi oded up gelling everything else adwhat I wanted It's hard ber ouswords and spelle ! vine the ... Lambert on promote a . . . Petely different in English

Conently he and Idle and to a cone at St. John legona: Medical Center im Toplin and one at Tamber 13c of plice ratical products to

foctors at \$1. John's and perotes Profession Commencer Comme Logical State Control or in the corking of specification of approximation of approximation approximat the state of the s the property of the same United > -

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Response from the community was tremendous, and soon the entire minestable seems at the Baptist Student Union the-official headwater was to " of the end of was The Charles the same of Mexico Arrest to the method against of gathering and negotia with area transportation compamies the committee was stum-# with the problem # tinding # get the good to We have ther that MCI ! The state of the state of

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"I couldn't believe it . 📖 summe as I put seems water out we the street it was gone before I could get water there

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With that money he was able to the second of the steel the people in

build thelsever; he said. As as I put more water out or: the ament of seas game before I could get ater there. The people was or proposite as per a fresh

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Ashcroft visits, participates in groundbreaking











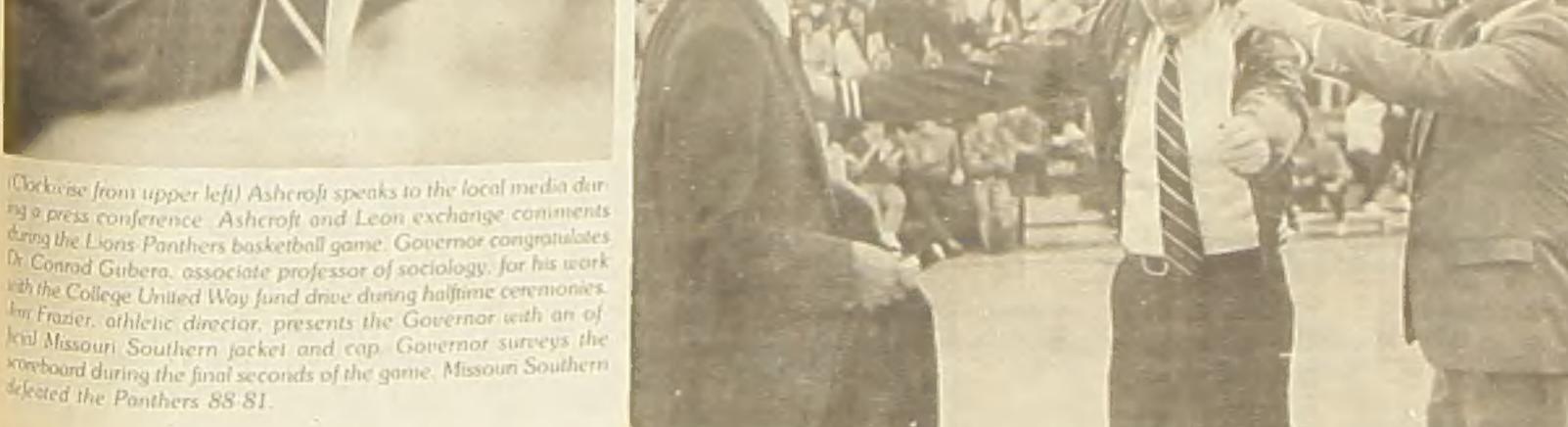
Se from upper left) Missouri Governor John Hamilton Service Advanced to the first and the presentational distribution of the Roy Carle (R Joplin) Russell Service Advanced to the Chuck Surface (R-Joplin) dig in at the graduation of the Graduation











ng a press conference. Ashcroft and Lean exchange comments dring the Lions Panthers basketball game. Governor congratulates Or Conrad Gubera, associate professor of sociology, for his work with the College United Way fund drive during halftime ceremonies I'm Frazier, athletic director, presents the Governor with an of head Missouri Southern Jacket and cap. Governor surveys the soreboard during the final seconds of the game. Missouri Southern

All photos/Martin C. Oetting

Unusual Crimes

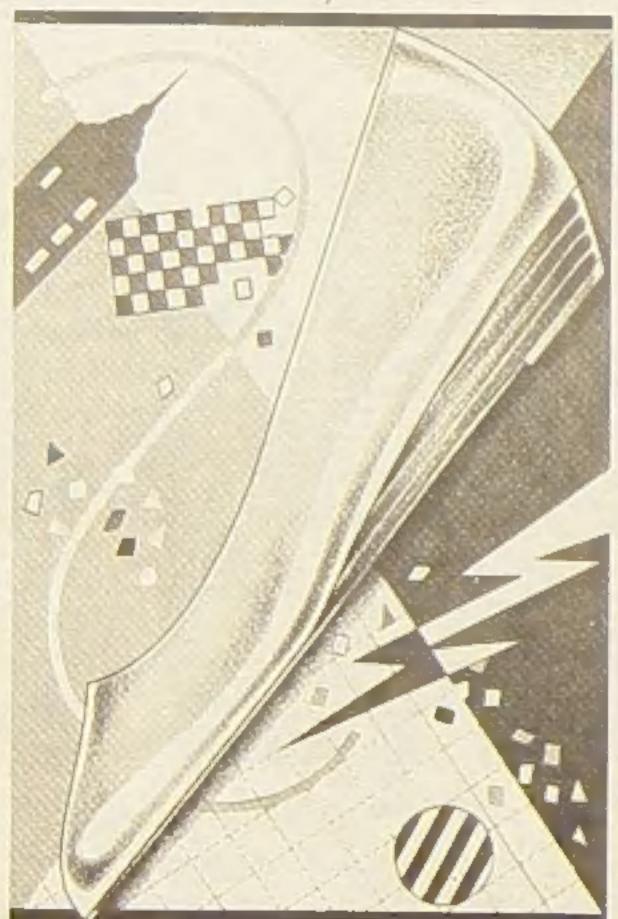
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Don Seneker, director of Southern's police academy, studies all mass of crime research to help solve and

Intrigue 'piques' curiosity

Research, senses, are basic tools for crime-solving

By Pat Halverson

Crime, whether people like it or aut, is an everyday part of society, and law enforcement officials spend much of their time attempting is solve as a solv

Donald Seneker, director of the police academy at Missouri Southern, deals with come as regular basis Several types of since intrigue Seneker.

Integue has nothing to do with the victim per we said Seneker. Obviously, one would not really want to work on that crime. Anyone with a server of compassion or empathy would much prefer that the crime had never occurred, both for the sake of the victims and assailants as well as society.

"The assumption made here is that crime already exists. Some of it contains elements which pique the curiosity in extend a special opportunity."

Research is a basic tool of persons in law enforcement. All the
types of crime considered "intriging" by Seneker involve research
a honing of the senses, and
sometimes many long hours at
work to solve.

Organized crime cases, such as scams, require knowing who who—intelligence to decipher indicators of mob memberships, alliances, ownerships-debts, and "requires a lot of work over a long period," Seneker said. Organized crime cases include having "inside" information.

"There is a given danger, and you can never fully understand the samifications of what you're involved in. Organized crime is very complex, yet it's "solvable" with suf-

ficient work and research.

Serial crimes, such as homicide l'not mum murder, but rather sequential crimes l, also intrigue Seneker

It is sometimes possible to get a profile—a hypothetical picture of the culprit. The element of the chase is imusual, and often bizarre.

Getting a profile is sometimes possible by a single crime, but supetition of the single crime discloses much more about behavior and other characteristics to look for. By looking at the information and clues available, law enforcement officials as sometimes draw conclusions about physical characteristics of the person involved in the crime. Including body build and texture of the skin from fingerprints (whether the hands are calloused or smooth).

Solving the crime is worth and ing." Seneker said. "Hence, there is a strong motivation to put in long hours. Obviously, one must try to develop an ability to work while detached from the stark reality of what happened to the victim. You cannot permit yourself a personal attachment or you would be one a vendetta. You could easily become intense as to wish to full the assailant yourself."

Some burglaries are intriguing to Seneker—those in which "a reconstruction of the crime is possible by developing a 'mental image' of the crime occurring." Time and experience help to develop an ability he go to the scene of a burglary and develop a sense of what happened.

According to Seneker, there are questions to be asked about the burglary. Is the subject unknown? Is this fraud? What does the

physical evidence tell you?

for." Seneker said "Depending what has been taken, plyin features can be determined to be made and the tail long-legged determines might indicate a female a youth). The type of material the could determine something and the third. It can be determine whether glass breakage occurs from the inside on the outside tail marks also indicate sometime about the crime."

In gunshot cases, there is age.
The possibility of reconstructor

There is always something to learn about ballistics—as weapons and the behavior of bullets under different sets of an ditions." Seneker said. "We keet a decipher wounds: we can all distance, angle, and types of projectiles."

Crime scenes with blood pairs are a current interest of Serebil due to new information contains blood patterns.

Again, reconstruction of the arm is involved, he said Box patterns at the scene of the arm can tell the investigator from the distance the blood came, post-indicating exactly where the arm occurred an how far the identification and the identification occurred and how far the identification and the identification occurred and how far the identification are traveled after his wounded.

Seneker's interest in pancing to remain the is involved in or new release tion helpful in his work.

"Blood petterns are a runot be terest. At other times, I will be other interests." Seneker said develop an interest, which leads inquiry. When I begin to lose terest in the subject, the informed terest in the subject, the informed it is needed.



Singer John Waite performed in Memorial Hall recently. Waite, like others such as Air Supply. Rick Springfield, and Sheena Easton, was brought to Jophn by the Campus Activities Board. The concert, held Wednessby November 20, was seen as a success by many of those who attended.

Campus Activities Board strives to involve students

By JoAnn Hollis

Since its inception in the early 1970s, the Campus Activities Board has come a long way in what it contributes to Missouri Southern.

"We have just completely changed the activity aspect of our campus," said Dr. Glenn Dolence, vice president for student affairs at Southern.

As an outgrowth of the Student Senate, the CAB was given the responsibility of the campus social functions. While these responsibilities were few at the start, they have grown over the years.

Originally, the Homecoming dance was the only activity sponsored by the CAB, formerly known as the College Union Board. The students, however, wanted more activities. A proposal was made to start a student activity fee. The students voted and passed it.

The fee was paid by full-time students each semester Eighty per cent of the money went to the CAB and 20 per cent to the Student Senate. While these percentages remain the same today, the price has changed from the first fee of \$5 to the current fee of \$15 – a small price to pay for the positive image the CAB brings to campus.

We're here to get students involved and to generate some excitement in college life. said Beent Harris. CAB concert chairperson.

Although the CAB is in existence to provide activities for the students. it indirectly helps in the recruiting process. "We try to generate excitement in the community to attract future students," said Harris.

According to Val Williams, coordinator of student activities at Southern, the CAB affects the students on campus in two ways. It provides students with entertainment to give them a break from their classes, and it benefits those students directly involved with the CAB. Members learn to handle responsibility, make decisions, and handle their time more wisely.

"It has been found that employers will hire people who had extracurricular activities and medium grades over someone with no outside activities and higher grades," said Williams.

While the CAB is intended to serve the students on campus, it also helps build a positive image of the College through its activities.

"I consider this a volunteer organization" said Harris. "but we put out a lot of effort to help other community organizations like ourselves."

Harris pointed out that the CAB often does behind the scenes work for such non-profit organizations as the Mall Association, the Blood Mobile, and the Joplin Memorial Hall.

According to Williams, the CAB not only volunteers time to nonprofit organizations, but also conducts business with local companies. She feels this also builds the image of the College.

"How we relate to them in terms of how we do things reflects on what they think of the College," said Williams.

While volunteered time and well managed business transactions are important to the image of the CAB, and in turn the College, the things that boost the image the most are well run activities such as concerts.

According to Dolence, Southern is recognized as having quality programming: not just quantity, but quality. This is due to the efficient manner in which the CAB runs its events. Dolence believes the group works well for the size college Southern is and the budget it has to work with.

The CAB never attempts to make money on anything," he said. "I think they have done a superb job."

Dolence said that people such as the mayor, the chief of police, and different members of the city council have been very complimentary of the CAB and how it functions.

This type of reputation speaks strongly for the CAB, and in turn it builds a positive image for Southern and the city of Joplin.

"How many times would a city
the size of Joplin get to see the
Vienna Boys Choir?" questioned
Dolence while pointing out the important role the CAB plays in the
community.

"I don't think we can sell the activities program short." he said. "I really feel that our activities program has brought a positive image to the campus."



Geop Trick, who has visited Joplin previously as a title act, returned to searm up the audience for Waite a the concert. This energetic group proved to be a real crowd pleaser.



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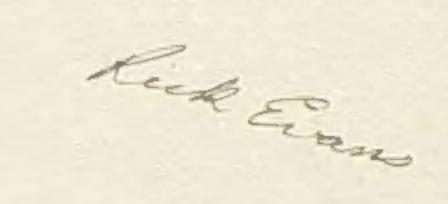
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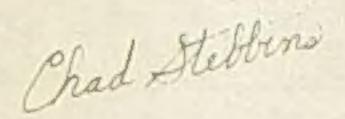
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We wish you and your loved ones the very merriest holiday season









